Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	3	(("6207601") or ("6623699") or ("4573910")).PN.	USPAT; USOCR	OR	OFF	2004/10/25 10:18
S4	79292	"422"/$5	USPAT	OR	OFF	2004/10/14 16:06
S5	356	S4 and combust$5 and piston$1 and volum$5	USPAT	OR	OFF	2004/10/14 15:39
S6	82	S5 and furnace$1	USPAT	OR	OFF	2004/10/14 15:46
S7	53	S6 and analy$5	USPAT	OR	OFF	2004/10/14 15:43
S8	83	S5 and (correct$4 or calculat$4 or defin$4 or determ$5) with volum$2	USPAT	OR	OFF	2004/10/14 15:48
S9	13	S7 and S8	USPAT	OR	OFF	2004/10/14 15:48
S10	6	422/78 and "variable volume"	USPAT	OR	OFF	2004/10/14 16:06
S11	4	(("4795614") or ("3918911") or ("6105416") or ("6240767") or ("6105416")).PN.	USPAT; USOCR	OR	OFF	2004/10/15 10:07
S12	4	(("3698869") or ("5013528") or ("4622009")).PN.	USPAT; USOCR	OR	OFF	2004/10/15 10:09
S13	7	("3710107" | "3848128" | "4113434" | "4140487" | "4193963" | "4393304" | "5152963").PN. OR ("6240767").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/15 11:51
S14	6	("3710107" | "4113434" | "4140487" | "4193963" | "4393304" | "5152963").PN. OR ("6105416"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/15 11:57
S15	22	("2556854" | "2576802" | "2837320" | "2859020" | "3168294" | "3252759" | "3421857" | "3698869" | "4055259" | "4496249" | "4525328").PN. OR ("4795614"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/15 12:07
S16	2857	"variable volume" and (combust$4 or oxid$8 or ozon$5 or burn$4) and volum$5	USPAT	OR	OFF	2004/10/15 12:32
S17	2037	S16 and piston$1	USPAT	OR	OFF	2004/10/15 12:15
S18	678	S17 and (sensor$5 or detect$5 or analy$7)	USPAT	OR	OFF	2004/10/15 12:17
S19	18	S18 and furnace$1	USPAT	OR	OFF	2004/10/15 12:17
S20	79	"variable volume" and element$2 with analy$5	USPAT	OR	OFF	2004/10/15 13:32
S21	12	("3296435" | "3698869" | "3918911" | "3923464" | "3958936" | "4271124" | "4401763").PN. OR ("4573910").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/15 12:55
S22	1	"variable volume" and "volume correction factor"	USPAT	OR	OFF	2004/10/15 13:36

S23	4	combust$5 and "volume correction factor"	USPAT	OR	OFF	2004/10/15 13:41
S24	198	combust$5 and (variable adj volume) and analy$5	USPAT	OR	OFF	2004/10/15 15:07
S25	7	("3577967" | "3739758" | "4040405" | "4488526" | "4572136" | "5724951" | "6135100").PN. OR ("6755076").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/15 13:46
S26	1	("4795614").PN.	USPAT; USOCR	OR	OFF	2004/10/15 15:19
S27	12	("3296435" | "3698869" | "3918911" | "3923464" | "3958936" | "4271124" | "4401763").PN. OR ("4573910").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 09:37
S28	26	("3304159" | "3650696" | "3698869" | "3716334" | "3838969" | "3920396" | "4227887" | "4234315" | "4325907").PN. OR ("4401763").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 09:48
S29	12	("3296435" | "3698869" | "3918911" | "3923464" | "3958936" | "4271124" | "4401763").PN. OR ("4573910").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 09:54
S30	28	("2809100" | "3062624" | "3296435" | "3428432" | "3431077" | "3694157" | "3698869" | "3864088" | "3918911" | "3923464" | "3958936" | "3985505" | "4271124" | "4332591" | "4371971" | "4401763" | "4525328").PN. OR ("4622009").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 09:56
S31	2	("3431077").PN.	USPAT; USOCR	OR	OFF	2004/10/18 10:45
S32	2	("2809100").PN.	USPAT; USOCR	OR	OFF	2004/10/18 10:47
S33	6	("3694157").URPN.	USPAT	OR	OFF	2004/10/18 10:49
S34	12	("3923464" | "3958936" | "4282183" | "4352781" | "4622009" | "4805881" | "5064617").PN. OR ("5236353").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 10:57
S35	16	("3296435" | "3698869" | "3918911" | "4271124" | "4401763").PN. OR ("4525328").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 10:59
S36	6	("3647385" | "3649202" | "3716334" | "3810738" | "3854877").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:04
S37	31	("3647385" | "3649202" | "3716334" | "3810738" | "3854877").PN. OR ("3985505").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:04

S38	28	("2809100" | "3062624" | "3296435" | "3428432" | "3431077" | "3694157" | "3698869" | "3864088" | "3918911" | "3923464" | "3958936" | "3985505" | "4271124" | "4332591" | "4371971" | "4401763" | "4525328").PN. OR ("4622009").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:13
S39	16	("3296435" | "3698869" | "3918911" | "4271124" | "4401763").PN. OR ("4525328").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:14
S40	25	("1743803" | "2930602" | "3100155" | "3281596" | "3403982" | "3619839" | "3650823" | "3824016" | "3899627" | "4091970" | "4303615" | "4328386" | "4573910" | "4789140" | "5064617" | "5085582" | "5236353" | "5246667" | "5637809").PN. OR ("6270727").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:19
S41	24	("2687614" | "2809100" | "3085717" | "3301213" | "3459938" | "3567386").PN. OR ("3923464").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:22
S42	28	("2809100" | "3062624" | "3296435" | "3428432" | "3431077" | "3694157" | "3698869" | "3864088" | "3918911" | "3923464" | "3958936" | "3985505" | "4271124" | "4332591" | "4371971" | "4401763" | "4525328").PN. OR ("4622009").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:24
S43	22	("1303980" | "2753246" | "3374064" | "3694157" | "3734693" | "3957441").PN. OR ("4282183").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:25
S44	19	("1931895" | "2370293" | "2888332" | "3374064" | "3923464" | "3985505" | "4244917" | "4282183" | "4352781").PN. OR ("5064617").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:29
S45	22	("1303980" | "2753246" | "3374064" | "3694157" | "3734693" | "3957441").PN. OR ("4282183").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:30
S46	22	("2556854" | "2576802" | "2837320" | "2859020" | "3168294" | "3252759" | "3421857" | "3698869" | "4055259" | "4496249" | "4525328").PN. OR ("4795614").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:40

S47	42	("3079505" | "3236602" | "3279308" | "3319512" | "3428433" | "3435209" | "3512398" | "3524709" | "3614243" | "3751173" | "3761187" | "3784359" | "3838972" | "3865495" | "3950101" | "3985505" | "4083367" | "4181437" | "4192614" | "4238198" | "4591268" | "4736103" | "4787750" | "4822166" | "4823168" | "4824790" | "4844611" | "4845040" | "4886356" | "4889992" | "5146283" | "5204270" | "5285071").PN. OR ("6254828"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 11:48
S48	22	("3489521" | "3511613" | "3578412" | "3635394" | "4049134" | "4055259" | "4238450" | "4701096" | "4752219" | "4770590" | "4888994" | "5055036" | "5064617" | "5246667" | "5256060").PN. OR ("5395586").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 12:28
S49	19	("1931895" | "2370293" | "2888332" | "3374064" | "3923464" | "3985505" | "4244917" | "4282183" | "4352781").PN. OR ("5064617"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 12:36
S50	4	("3698869" | "4650499" | "4795614").PN. OR ("5013528"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 12:43
S51	17	("3489521" | "3511613" | "3578412" | "3635394" | "3985505").PN. OR ("4238450").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 12:58
S52	3	("4795614").URPN.	USPAT	OR	OFF	2004/10/18 13:07
S53	10	("4238450" | "4559201" | "5071626" | "5096675" | "5112579" | "5113770" | "5192506" | "5314662" | "5366901" | "5395586").PN. OR ("6214292").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 14:51
S54	24905	(position$4 or location$4) with (sensor$4 or detector$4) and combust$4	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 14:53
S55	3097	S54 and volum$4 and piston$1	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 14:54
S56	2434	S55 and (factor$1 or ratio$1 or coefficient$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 14:56
S57	36	S56 and ("422"/$5 or "436"/$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 15:22

S58	1	("4627267").PN.	USPAT; USOCR	OR	OFF	2004/10/18 15:27
S59	1	("3898584").PN.	USPAT; USOCR	OR	OFF	2004/10/18 15:27
S60	1	("3985505").PN.	USPAT; USOCR	OR	OFF	2004/10/18 15:40
S61	1	("6270727").PN.	USPAT; USOCR	OR	OFF	2004/10/18 15:42
S62	1	("4282183").PN.	USPAT; USOCR	OR	OFF	2004/10/18 15:42
S63	1	("4238450").PN.	USPAT; USOCR	OR	OFF	2004/10/18 15:43
S65	0	volumetric and piston and (detector$1 or sensor$1) and cobbust$4	USPAT	OR	OFF	2004/10/20 13:15
S66	906	volumetric and piston and (detector$1 or sensor$1) and combust$4	USPAT	OR	OFF	2004/10/20 13:15
S67	423	S66 and (position$1 or location$1) with piston$1	USPAT	OR	OFF	2004/10/20 13:20
S68	180	S67 and (concentration$1 or amount$1 or aliquot$1 or quantit$4) with gas$2	USPAT	OR	OFF	2004/10/20 13:23
S69	141	S68 and volume$1	USPAT	OR	OFF	2004/10/20 13:24
S70	11	S69 not engine$1	USPAT	OR	OFF	2004/10/20 13:30
S71	148	piston$1 with sensor$1 and volumetric and combust$4	USPAT	OR	OFF	2004/10/20 13:43
S72	12	S71 not engine$1	USPAT	OR	OFF	2004/10/20 13:42
S73	3	piston$1 with sensor$1 and "volume correction" and combust$4	USPAT	OR	OFF	2004/10/20 13:46
S74	6	piston$1 with sensor$1 and "volume correction"	USPAT	OR	OFF	2004/10/20 13:46
S75	1	("4627267").PN.	USPAT; USOCR	OR	OFF	2004/10/20 15:33
S76	0	("10780940").PN.	USPAT; USOCR	OR	OFF	2004/10/21 12:49
S77	14	(valve adj sequenc$3 adj control$4)and piston$1 not engine$1	USPAT	OR	OFF	2004/10/22 09:35
S78	27	("1685557" | "3530714" | "3910261" | "3951137" | "4202352" | "4233842").PN. OR ("4346584"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/22 12:01
S79	35	("2638096" | "2904033" | "3667475" | "4346584" | "4366821" | "4558708" | "4558709").PN. OR ("4691701").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/22 10:30

S80	30	("2372324" | "2793908" | "2857964" | "3145736" | "3147770" | "3241569" | "3345915" | "3420270" | "3478780" | "3480034" | "3519016").PN. OR ("3747620"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/22 10:55
S81	185	(sequenc$4 adj control$4) and valv$3 and piston$1 and (combust$5 or oxidyz$4 or incinerat$4)	USPAT	OR	OFF	2004/10/22 11:00
S82	32	S81 not engine$1	USPAT	OR	OFF	2004/10/22 11:00
S83	27	("1685557" | "3530714" | "3910261" | "3951137" | "4202352" | "4233842").PN. OR ("4346584"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/22 11:07
S84	5	(("4,423,739") or ("3,910,261") or ("4,202,352") or ("4,346,584") or ("4,619,269")).PN.	USPAT; USOCR	OR	OFF	2004/10/22 12:01
S85	16	("2574281" | "3252312" | "3475229").PN. OR ("3666252"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/22 12:36
S86	3489	(inlet adj valv$4)and (outlet adj valv$4)and piston$1 and control$4	USPAT	OR	OFF	2004/10/22 13:36
S87	847	S86 and sequenc$4	USPAT	OR	OFF	2004/10/22 13:03
S88	23	S87 and combust$4 not engine$1	USPAT	OR	OFF	2004/10/22 13:03
S89	13	("3430418" | "4194891" | "4440548" | "4543109" | "5002591" | "5656067" | "5827358" | "5961694" | "5968233" | "6156101" | "6268077" | "6461410").PN. OR ("6802889").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/22 13:07
S90	39	("1933571" | "1943957" | "4302426" | "4358268" | "4426360" | "4454826" | "4470806" | "4474118" | "4650414" | "4658853" | "4793974" | "4802423" | "4828483" | "4909307" | "4923391" | "4942832" | "4943231" | "4961908" | "5016547" | "5024817" | "5044939" | "5092767" | "5098286" | "5101741" | "5129332" | "5134945" | "5143700").PN. OR ("5240403").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/22 13:19
S91	2994	(inlet adj valv$4)and (outlet adj valv$4)and piston$1 with (chamber$1 or cylinder$1 or unit$1) and (control$4 or monitor$4)	USPAT	OR	OFF	2004/10/22 13:38
S92	735	S91 and sequenc$4	USPAT	OR	OFF	2004/10/22 13:40
S93	226	S92 and (comput$4 or processor or microprocessor)	USPAT	OR	OFF	2004/10/22 13:41

S94	225	S93 and (gas$2 or liquid$1 or fluid$1)	USPAT	OR	OFF	2004/10/22 13:42
S95	17	("3499317" | "4332159" | "4395903" | "4491016" | "4522056" | "4783989" | "4900405" | "4990058" | "5164053" | "5172586" | "5191786").PN. OR ("5563339"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/22 14:38
S96	6	("4285245" | "4364413").PN. OR ("5367910").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/22 14:48
S97	4	("5367910").URPN.	USPAT	OR	OFF	2004/10/22 14:51
S98	4	("3710626" | "5098847" | "5379654" | "5390551").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/22 16:28